

IN THE CLAIMS

1-6 (Canceled).

7. (Currently Amended) An isolated and purified DNA sequence encoding a human androgen receptor comprising SEQ ID NO: 18.

8. (Previously Presented) An isolated and purified DNA sequence encoding a human androgen receptor selected from the group consisting of:

a) the amino acid sequence SEQ ID NO: 19;

b) sequences which differ from (a) above due to the degeneracy of the genetic code and which encode a human androgen receptor encoded by (a) above.

9. (Canceled).

10. (Previously Presented) An isolated and purified DNA sequence encoding a human androgen receptor selected from the group consisting of:

a) the nucleotide sequence SEQ ID NO: 18;

b) DNA sequences which differ from the DNA of (a) above due to the degeneracy of the genetic code and which encode a human androgen receptor encoded by (a) above.

11. (Canceled).

12. (Previously Presented) A prokaryotic or eukaryotic host cell transformed or transfected with the DNA sequence of claim 8.

13. (Previously Presented) A viral or circular DNA plasmid comprising the DNA sequence of claim 8.

14. (Original) The viral or circular DNA plasmid according to claim 13 further comprising an expression control sequence operatively associated with said DNA sequence.

15. (Previously Presented) A prokaryotic or eukaryotic host cell transformed or transfected with the DNA sequence of claim 10.

16. (Previously Presented) A viral or circular DNA plasmid comprising the DNA sequence of claim 10.

17. (Previously Presented) The viral or circular DNA plasmid according to claim 16 further comprising an expression control sequence operatively associated with said DNA sequence.

18. (Previously Presented) A fragment of the isolated sequence of claim 7, wherein said fragment retains androgen receptor activity.